



Warwickshire County Council.

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# ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1947.

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18TH OCTOBER, 1948.



OFFICE OF THE COUNTY MEDICAL OFFICER OF HEALTH,  
SHIRE HALL, WARWICK.

## To the Warwickshire County Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

This Annual Report on the health of the County of Warwick during 1947 covers my first full year of office as County Medical Officer of Health.

In the Health Department during 1947 intensive work has been carried out in the preparation and submission of proposals for the administration of services under the National Health Service Act, 1946.

At the time of finishing this report the great changes enacted by this Statute have already begun to take effect, and the changes in the services under the control of the County Authority after 5th July, 1948 will be fully recorded in my next Annual Report. Tuberculosis is, however, already referred to in more detail than previously.

In this report statistical information has been increased and some of it has been arranged in the seven new health areas. Although these areas were not constituted until 1948, useful comparisons can be made with these figures within the County. This plan will be further developed in future reports. In many instances past statistics have been included and those of England and Wales are sometimes recorded for comparative purposes.

It is my view that annual health reports should give indications on aims which might reasonably be expected to be achieved in a certain time. The word "target" is now often used in this sense.

For instance in 1947 the Infant Mortality Rate of 34 for the County was the lowest County Rate ever recorded. It was 41 for England and Wales. On page 8 the best and worst figures in the County are recorded, but these figures must be interpreted with caution owing to the small numbers involved. In 1937 the Infant Mortality Rate for the County was 50 and for England and Wales it was 58. A satisfactory improvement, but how far can the rate be further reduced and how soon? It is a bold man who ventures on a firm statement of what will happen in the future and I hesitate to give a forecast in this report, but I think a rate of between 20 and 25 for the county as a whole at the end of the next 10 years might not be an unreasonable hope.

If this figure is to be achieved we should need more accurate statistical information which should include differential statistics for "social class," statistics arranged in families as well as in areas. The "Problem Family" question—where the Infant Mortality Rate may be as high as 88 in certain families—would need the most vigorous treatment.

The number of new cases (primary notifications) of pulmonary tuberculosis for the 10 years 1938-47 were :—308, 307, 295, 422, 331, 350, 438, 452, 434, 439, and the deaths notified were 188, 180, 213, 202, 187, 184, 188, 175, 192, 179. A somewhat similar trend was shewn for England and Wales. It seems that the progressive increase directly due to the war is now halted but the annual number of individuals who continue to become infected and develop this disease must be reduced to the pre-war level, and then below it. Information on these unfortunate people continues to arrive with grim regularity at the Health Department.

When one considers the personal suffering and despair which each of these people feel when told that they have contracted this disease—often in early life—one can realise the amount of human misery which lies behind a column of figures in a medical report.

Some years ago I made an inquiry into the effect of overcrowding, poor housing and a low standard of hygiene in the homes of patients suffering from pulmonary tuberculosis. When these conditions were present new cases occurred again and again in the same families. These observations, of course, have been made before but this first hand personal experience gave me much stronger views on the importance of remedying these known causes of pulmonary tuberculosis.



It is customary to classify pulmonary tuberculosis cases into three stages which may be described as "early," "intermediate," and "late." In order to make an accurate assessment of the degree of invasion of pulmonary tuberculosis on the population, the chance of curing the individual case and the relative danger of the new case infecting other persons, it is very desirable to have this classification at the time of notification. The age, sex and social class of patients notified is also of importance.

Better housing for all who are at present below the minimum standards; extra nourishment for those who need it; a much higher standard of hygiene in the home of the tuberculous person; the early diagnosis and treatment of all cases, including those found by examination of "contacts" or by systematic miniature X-ray; the isolation of the advanced case—all play a part in reducing the number of new cases of pulmonary tuberculosis. We would surely hope quickly to reduce the number of new cases notified each year to less than 300, and of these we should try with the utmost vigour to find them in the earliest stage of the disease, when the patients are still curable and less infectious.

Dr. J. McGEAGH WILLIAMS, Chief Tuberculosis Officer of the former Warwickshire and Coventry Joint Committee for Tuberculosis, has promised his full co-operation in our future work on the clinical and preventive aspects of tuberculosis.

During the year there were only 3 deaths from diphtheria; two of these were under 15 years of age and none had been immunised. In the 11 years 1937-47 the deaths from diphtheria (mostly children) were:—35, 30, 8, 11, 29, 15, 1, 9, 6, 3, 3. When will our "target" of no deaths from diphtheria in a year be reached?

The maternal mortality rate for the County in 1947 was 0.83 and the still-birth rate was 20. The maternal mortality rate is the lowest for 27 years, and the still-birth rate is less than half the figure for 1930.

It would be of interest to give comparative statistics of maternity cases going into hospital or confined in their own homes and of patients attending an ante-natal clinic or not doing so. Still-birth and maternal mortality rates in relation to nutrition and home circumstances are of great interest. The County Health Department supplied information which helped the Population Investigation Committee make their survey of the social and economic aspects of pregnancy and childbirth in Great Britain. The morbidity, mortality and zymotic rates of babies and children who do not attend child welfare clinics and how these compare with babies who have been brought to the clinics during the whole of their pre-school life would be of great interest. All these figures are of great value but are hard to collect and difficult to interpret owing to innumerable fallacies which have to be sought out and allowed for in the assessment.

The number of illegitimate births has declined from 6.75% to 5% of total births, the absolute figures being 598 to 481 births. The infant mortality rate for illegitimate infants—31.18 per 1,000 live illegitimate births is a remarkably low figure, it was 43.47 in 1946. It is reasonable in my opinion to interpret this low death rate as an index of the efficiency of our services to the unmarried mother, the number of whom assisted in 1947 was 272, in 1946 the figure was 335.

The health of children attending day nurseries is a constant concern of the Health Department, but it is almost impossible as yet to report our findings in a numerical form. At the present time we can say that no doubt a good home is the best place for the child, but that the day nursery makes a good second best for at least part of the 24 hours when the child has no real home. Opinions are sharply divided on the desirability or otherwise of admitting children under 2 years of age from reasonably good homes just to enable the mother to go out to work.

This year the birth rate of the County has increased from 19.64 in 1946 to 20.77 per 1,000 population. The absolute figures shew an increase of 692.

There is marked diminution in the number of new cases of venereal disease treated, e.g. syphilis 160, gonorrhoea 195. Last year the figures were 234 and 335 respectively. It is reasonable to assume that these lower attendances of new cases really reflect a lower actual incidence. We have no reason to believe that there is any serious degree of concealment of new cases.

The phenomenal increase in the use of the Ambulance Service is being watched somewhat anxiously by councillors and officials. In 1946 the Ambulance Service carried 35,867 cases and covered 394,967 miles at a cost of £40,170. In 1947 the figures were 42,783 cases carried and 462,354 miles travelled at a cost of £68,590. (The costs are shewn in financial years). The figures so far available for 1948 shew an even greater increase.

We are all pleased that the Service is so much valued and used. There is no doubt that many patients attend the larger hospitals for effective and valuable treatment and that this opportunity was denied many of them in the past.

However, every effort should be made by those requesting ambulances and sitting case cars to keep in mind the economics of the Service, as the number of journeys cannot continue indefinitely to increase at the present rate.

To return to the chief subject of this introductory letter—the statistics of preventive and social medicine and their value in assessing the health of our county. I believe interest in them will increase, in my opinion Committees are right in demanding concrete and tangible information in a form which can be measured and assessed by them. The skill needed to obtain such information is also being more appreciated.

One of the problems of preventive medicine is finding sufficient evidence which will indicate without any doubt that a real improvement in the health of the community is being brought about. A certain personal contact is made in home visiting and in clinics, but as the “patients” are in the main not officially “ill,” one does not see—in a particular case—death averted or the patient cured from some trying or terrible illness. We must rely largely on the knowledge gained by an examination of statistics. As accurate information becomes available in more medical detail and is recorded in areas, occupation—and eventually in families—an opportunity of visualising the effect of the health services will make possible a real record of achievement for the staff, the Health Committee and the general public.

S. W. SAVAGE, M.D. (Camb.) D.P.H.,  
County Medical Officer of Health.



**County Medical Officer of Health and School Medical Officer :**

S. W. SAVAGE, M.A., M.D. (Camb.), D.P.H.

**Deputy County Medical Officer of Health and School Medical Officer :**

I. FRASER MACKENZIE, M.D., D.P.H., D.T.M. and H. (Edin.).

**Assistant County Medical Officers of Health and Assistant School Medical Officers :**

*Permanent :—*

AGNES H. M. YOUNG, M.B., Ch.B., D.P.H. (Glas.).  
J. HENDERSON, M.B., Ch.B., (Glas.), D.P.H. (Birm.).  
M. J. KELLY, L.R.C.P.I. and L.M., L.R.C.P.S. and L.M., D.P.H.  
KATHERINE SCOTT, M.B., Ch.B. (Glas.).  
J. B. BRAMWELL, M.A. M.B., B. Chir., D.P.H. (Cantab.), M.R.C.S. (Eng.).  
P. J. O'REILLY, M.D., B.A.O., D.Ch. (Cork).  
G. R. KERSHAW, M.A. (Cantab.) M.R.C.S. (Eng.), L.R.C.P. (Lond.)  
L. L. FYFE, M.D., F.R.F.P.S. (Glas.) D.P.H. (Cantab.).  
GWENDOLEN K. G. COOTE, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.).

*Temporary :—*

ELIZABETH THOMAS, M.B. B.Ch., B.A.O. (Belf.), D.P.H. (Lond.).  
W. M. WALKER, M.C., M.B., B.Ch., B.A.O. (Belf.).

*Tuberculosis Officers :—* (Warwickshire and Coventry Joint Committee for Tuberculosis).

*Chief Tuberculosis Officer :—*

J. McGEAGH WILLIAMS, M.D. (Belf.), D.P.H.

*Assistant Tuberculosis Officers :—*

R. J. CYRIAX, M.D. (Brux.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H.  
L. G. McLACHLAN, M.B. (Glas.), C.B. (Glas.).  
E. M. CALVEY, M.R.C.S., L.R.C.P. (Lond.), C.P.H.  
A. G. EVANS, M.R.C.S., L.R.C.P.  
G. D. WILD, M.R.C.S. (Eng.), L.R.C.P. (Lond.) (Temporary).

*Dental Surgeons :—*

J. C. CROSSLEY, L.D.S., R.F.D.S. (Senior Dental Surgeon).  
H. J. BASTOW, L.D.S.  
W. DOUGLAS, L.D.S.  
W. FERRIS, L.D.S.  
W. G. GRIFFITH-WILLIAMS, L.D.S.  
V. L. L. HALL, L.D.S., R.C.S.  
D. L. HORGAN, L.D.S. (Part-time).

*Venereal Diseases Officers (Part time).*

P. G. HORSBURGH, M.R.C.S., L.R.C.P., D.P.H. Nuneaton Clinic.  
J. A. WAKES-MILLER, M.B., B.S. (Lond.), M.R.C.P. Hospital of St. Cross, Rugby.  
G. G. C. TAYLOR, M.B., B.S., F.R.C.S. (Edin.), Warneford Hospital, Leamington Spa.  
A. T. HAWLEY, M.A., M.B., B.Ch., F.R.C.S. (Edin.). Coventry and Warwickshire Hospital.

*Social Workers :—*

Mrs. PHYLLIS BLAKE, S.R.N., S.C.M.  
Miss G. E. DAVIE, S.R.N., S.C.M., H.V. (Cert.)

*Sanitary Inspectors :—*

LEGGAT, F. H., M.R.San.I., A.I.S.E., M.S.I.A. (County Sanitary Inspector).  
SPENCE, K. L., M.R.San.I., M.S.I.A. (Assistant Sanitary Inspector).

*County Analyst :—*

CHALMERS, F. G. D., M.A., B.Sc., F.R.I.C.

*County Pathologist :—*

PRIOR, A. P., M.B., B.S.

*Deputy County Pathologist :—*

MACKENZIE, I., M.B., B.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.).

*County Ambulance and Transport Officer :—*

STALLARD, L. E.

*Superintendent Health Visitor :—*

WESTWATER, Miss E., S.R.N., S.C.M., H.V. Cert.

*Supervisor of Midwives :—*

KETTLE, Miss D. M., S.R.N., S.C.M.

# HEALTH VISITORS AND MIDWIVES.

<i>Areas.</i>	<i>Health Visitors (holding H. V. Cert.)</i>	<i>County Midwives (holding C.M.B. Cert.)</i>
1. Sutton Coldfield.	Health Visitors employed by Borough not shewn.	DAVIDSON, Miss A. DUTFIELD, Miss D. SMITH, Mrs. S. D.
2. North-Eastern.	Nuneaton—Health Visitors employed by Borough not shewn. DILCOCK, Miss O. MALCOLM, Mrs. C. CUNNINGHAM, Miss A. M. AMBROSE, Miss E. M. JOSEPH, Miss R. A.	Nuneaton—midwives employed by Boeough not shewn. CROSSAN, Miss N. C. HARRIS, Mrs. A. HARVEY, Miss W. E. HENSON, Mrs. B. WALLBANK, Mrs. S. M.
3. Eastern.	TOMLIN, Mrs. M. M. HALL, Miss M. G. WEBBER, Miss A. RUSHTON, Miss V. E. ALLEN, Miss M. GIBBS, Miss J. MEADS, Miss M. ADAMSON, Miss M. R.	BODDY, Miss J. H. FIDDLER, Miss E. M.
4. North-Western.	GOODING, Mrs. C. EDWARDS, Miss B. SHEPHERD, Miss J.	
5. Solihull.	AGUTTER, Miss M. E. ADAMS, Miss E. S. BODENHAM, Miss M. A. P. GRANT, Miss A. MANTON, Miss E. A. MORGAN, Miss F. E.	
6. Central.	Leamington Spa—Health Visitors employed by Borough not shewn. BAKER, Miss N. G. CORBALLY, Miss M. DAVIE, Miss M. C. GODLEY, Miss M. PRIESTLEY, Mrs. S. P. WILLIAMS, Miss E.	
7. Southern.	COTTLER, Miss S. EVERITT, Mrs. A. M. GARDAM, Miss O. M. GAWTHORP, Miss V. MALARKEY, Miss S. J.	BROWN, Miss A. COOMBS, Miss B.
		HAKE, Miss M, (Relief Midwife).

The nursing staff are shewn in areas in anticipation of area administration.

Midwives employed by County and District Nursing Associations are not shewn.

## Clerical Staff:—

Chief Clerk ... C. W. HILLYARD.  
Senior Clerks ... W. H. STONEY.  
H. HAWES.

S. TOMLINSON.  
D. G. WEST.

WARWICKSHIRE—STATISTICS FOR 1947.

No.	Area, and County Districts.	Acres.	1. Population.		2. Live Births.		3. Stillbirths.		4. Deaths.		5. Tuberculosis, Pulmonary.		6. Tuberculosis, Other Forms.		7. Infant Mortality.		8. Maternal Mortality.*	
			Mid-1946.	Mid-1947.	No.	Birth Rate	No.	Stillbirth Rate.	No.	Death Rate.	No. of Deaths.	Death Rate.	No. of Deaths.	Death Rate.	Infant Deaths.	Death Rate.	No. of Deaths.	Death Rate.
1	<b>Sutton Coldfield.</b> Sutton Coldfield M.B.	13,978	44,460	45,280	857	18.92	14	16.07	502	11.08	14	0.30	3	0.06	18	21.00	—	—
2	<b>North-Eastern.</b> Nuneaton M.B. Bedworth U.D. Atherstone R.D.	11,757 7,851 21,945	51,340 22,580 22,310	52,390 22,940 22,510	1,249 500 466	23.84 21.79 20.70	23 14 10	10.22 27.23 21.00	510 219 229	9.73 9.54 10.12	23 25 9	0.43 1.08 0.39	3 4 —	0.05 0.17 —	60 19 18	48.03 38.00 38.62	2 — 1	1.57 — 2.10
	TOTAL	41,553	96,230	97,840	2,215	22.63	47	20.77	958	9.79	57	0.58	7	0.07	97	43.79	3	1.32
3	<b>Eastern.</b> Rugby M.B. Rugby R.D.	6,992 80,631	43,410 17,150	43,780 17,300	865 398	19.75 23.00	10 7	11.42 17.28	482 181	11.00 10.46	21 4	0.47 0.23	8 1	0.18 0.05	31 9	35.83 22.61	1 —	1.14 —
	TOTAL	87,623	60,560	61,080	1,263	20.67	17	13.28	663	10.85	25	0.40	9	0.14	40	31.67	1	0.78
4	<b>North-Western.</b> Meriden R.D. Tamworth R.D.	61,775 22,042	33,770 15,650	34,800 15,810	773 335	22.21 21.18	15 10	19.03 28.98	348 161	10.00 10.18	9 5	0.25 0.31	1 1	0.02 0.06	30 10	38.80 29.85	1 —	1.26 —
	TOTAL	83,817	49,420	50,610	1,108	21.89	25	22.06	509	10.05	14	0.27	2	0.03	40	36.10	1	0.88
5	<b>Solihull.</b> Solihull U.D.	20,189	61,720	63,890	1,345	21.05	25	18.24	546	8.54	17	0.26	2	0.03	32	23.79	1	0.72
6	<b>Central.</b> Leamington M.B. Warwick M.B. Kenilworth U.D. Southam R.D. Warwick R.D.	2,833 5,057 5,967 62,527 55,407	34,720 14,310 9,690 11,030 17,800	35,170 14,470 9,780 11,380 18,280	687 304 211 252 296	19.53 21.00 21.57 22.14 16.19	19 6 2 6 8	26.91 19.38 9.38 23.25 26.31	484 157 101 131 201	13.76 10.85 10.32 11.51 10.99	20 6 5 5 5	0.56 0.41 0.51 0.43 0.27	4 2 1 1 1	0.11 0.13 0.10 0.08 0.05	18 11 11 12 11	26.20 36.18 52.13 47.61 37.16	1 — — 1 —	1.41 — — 3.87 —
	TOTAL	131,791	87,550	89,080	1,750	19.64	41	22.89	1074	12.05	41	0.46	9	0.10	63	36.00	2	1.11
7	<b>Southern.</b> Stratford-on-Avon M.B. Alcester R.D. Shipston-on-Stour R.D. Stratford-on-Avon R.D.	6,900 37,524 53,339 81,996	13,550 12,450 7,800 16,680	13,750 12,610 7,890 17,200	277 244 141 340	20.14 19.34 17.87 19.76	7 6 1 11	24.64 26.13 7.04 31.33	192 149 103 209	13.96 11.81 13.05 12.15	3 — 5 3	0.21 — 0.63 0.17	1 1 — 2	0.07 0.07 — 0.11	10 9 4 14	36.10 36.88 28.36 41.17	— — — —	— — — —
	TOTAL	179,759	50,480	51,450	1,002	19.47	25	24.34	653	12.69	11	0.21	4	0.07	37	36.92	—	—
	COUNTY TOTAL	558,710	450,420	459,230	9,540	20.77	194	19.93	4905	10.68	179	0.38	36	0.07	327	34.27	8	0.82

\* Death Rate per 1000 Total Births.



## STATISTICS ARRANGED IN GROUPED URBAN AND RURAL DISTRICTS.

DISTRICTS.	AREA IN ACRES.	Birth-Rate.	Death-Rate.	Zymotic Death-Rate.	Infant Mortality under 1 year to Registered Births per 1,000.	POPULATION AT ALL AGES.		Registered Live Births	AGES OF DEATHS.								CAUSES OF DEATHS.																																				
						Census 1931.	Middle of 1947 Estimate of Registrar General.		All Ages.	Under 1 year.		1 and under 5.	5 and under 15.	15 and under 45.	45 and under 65.	65 and upwards.	Typhoid and Para- Typhoid fevers.	Smallpox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Acute Poliomyelitis and Polioencephalitis	Acute Infectious Encephalitis.	Cerebro-Spinal Fever.	Tuberculosis of Respiratory System.	Other Tuberculous Diseases.	Cancer of Buc. Cav. & Oesoph. (all uterus (F)	Cancer of Stomach and Duodenum.	Cancer of Breast.	Cancer of all other Sites.	Heart Disease.	Other Circulatory Diseases.	Diabetes.	Bronchitis.	Pneumonia (all forms).	Other Respiratory diseases.	Ulcer of Stomach and Duodenum.	Diarrhoea, etc. (under 2 years).	Appendicitis.	Other Digestive Diseases.	Nephritis.	Puerperal and Post- abortive sepsis.	Other Maternal Causes.	Congenital Malform- ation, birth injuries, Infantile Diseases.	Premature Birth.	Suicide.	Other deaths from violence.	Road Traffic Accidents.	All other causes.	Syphilis	Intracranial vascular lesions.
URBAN SANITARY DISTRICTS	81524	20.88	10.59	0.12	33	215319	301450	6295	3193	210	32	28	277	758	1888	—	—	3	—	8	3	9	8	3	—	134	28	49	106	63	290	830	161	22	126	166	46	37	25	10	66	79	2	3	81	47	31	77	28	256	13	383	
RURAL SANITARY DISTRICTS	477186	20.56	10.85	0.09	36	136445	157780	3245	1712	117	20	19	152	368	1036	—	—	1	—	2	—	15	2	2	2	45	8	24	47	38	139	447	75	14	87	107	18	17	12	5	52	42	—	3	40	32	12	50	35	171	6	162	
WARWICK. SHIRE	558710	20.77	10.68	0.11	34	351764	459230	9540	4905	327	52	47	429	1126	2924	—	—	4	10	3	24	10	5	2	179	36	73	153	101	429	1277	236	36	213	273	64	54	37	15	118	121	2	6	121	79	43	127	63	427	19	545		
						RATE PER THOUSAND																																															

DEATHS FROM COMMON CAUSES,  
1938—1947.

Year.	Cancer.		Heart and Circulatory Diseases.		Bronchitis.		Pneumonia.	
	Deaths.	Death Rate.	Deaths.	Death Rate.	Deaths.	Death Rate.	Deaths.	Death Rate.
1938	580	1.45	1360	3.42	79	0.19	239	0.60
1939	636	1.54	1433	3.50	126	0.30	170	0.41
1940	641	1.51	1451	3.42	340	0.80	246	0.58
1941	716	1.55	1435	3.11	311	0.67	254	0.55
1942	711	1.55	1276	2.79	230	0.50	210	0.46
1943	694	1.55	1284	2.86	222	0.49	251	0.56
1944	742	1.66	1362	3.05	201	0.45	217	0.48
1945	688	1.57	1346	3.07	228	0.52	204	0.46
1946	753	1.67	1411	3.13	219	0.48	219	0.48
1947	756	1.64	1513	3.29	213	0.46	273	0.59

STATISTICAL REVIEW, 1921-1947.

Year.	Birth Rate.	Death Rate.	Zymotic Death Rate.	Pulmonary Tuberculosis Death Rate	Cancer Death Rate	Child Mortality 1 to 5 years,	Infant Mortality.	Still-births per 1,000 total births,	Maternal Mortality per 1,000 live births.
1921.	22.27	10.73	0.46	0.64	1.23	—	65	—	3.60
1922.	21.16	11.04	0.33	0.68	1.03	—	60	—	5.01
1923.	19.75	10.29	0.50	0.66	1.11	—	60	—	2.80
1924.	18.76	10.98	0.30	0.69	1.25	—	60	—	4.30
1925.	18.46	11.15	0.42	0.70	1.31	—	62	—	5.00
1926.	17.52	10.52	0.31	0.65	1.38	—	54	—	3.30
1927.	17.30	11.25	0.21	0.64	1.36	—	66	—	2.90
1928.	16.83	10.13	0.23	0.55	1.33	—	55	—	4.59
1929.	16.29	12.70	0.33	0.70	1.30	—	60	—	4.20
1930.	16.63	10.82	0.25	0.51	1.43	0.31	49	42	4.50
1931.	15.69	11.06	0.20	0.51	1.42	0.41	55	35	4.30
1932.	15.38	11.52	0.22	0.49	1.47	0.34	55	35	3.70
1933.	13.71	11.42	0.16	0.52	1.53	0.36	54	35	5.20
1934.	14.31	10.71	0.22	0.42	1.43	0.32	48	34	4.97
1935.	13.44	9.60	0.21	0.45	1.45	0.25	47	40	3.68
1936.	15.08	10.56	0.23	0.42	1.51	0.29	52	33	5.21
1937.	15.32	11.25	0.21	0.41	1.57	0.23	50	35	3.17
1938.	16.63	10.17	0.18	0.47	1.45	0.21	48	30	2.87
1939.	16.18	10.19	0.11	0.43	1.54	0.20	45	32	2.26
1940.	15.83	12.69	0.09	0.50	1.51	0.25	51	35	2.82
1941.	15.94	11.69	0.23	0.43	1.55	0.33	53	33	2.99
1942.	17.38	10.26	0.12	0.41	1.55	0.14	39	32	2.14
1943.	18.98	10.62	0.10	0.41	1.55	0.14	42	28	2.70
1944.	20.88	10.64	0.11	0.42	1.66	0.15	35	25	1.50
1945.	18.95	10.45	0.13	0.40	1.57	0.11	42	25	1.56
1946.	19.64	10.61	0.09	0.42	1.67	0.14	40	22	1.46
1947.	20.77	10.68	0.11	0.38	1.64	0.11	34	20	0.83

BIRTHS, RATES AND INFANT DEATH RATES.

	Males.	Females.	Total.	Birth Rate.	Deaths of Infants under 1 Year.	Infant Mortality Rate.
LIVE BIRTHS :—						
Legitimate ... ..	4710	4349	9059	19.72	312	34.44
Illegitimate ... ..	232	249	481	1.04	15	31.18
TOTALS ... ..	4942	4598	9540	20.77	327	34.27

STILLBIRTHS.

	Males.	Females.	Total Stillbirths.	Stillbirth Rate.
STILLBIRTHS :—				
Legitimate ... ..	95	86	181	19.58
Illegitimate ... ..	6	7	13	26.31
TOTALS ... ..	101	93	194	19.93

ANALYSIS OF STILLBIRTHS AND MATERNAL DEATHS, 1944-1947,

Arca.	County Districts comprised.	1944				1945				1946				1947			
		Mat. Deaths.		Still Birth Rate.	*Mat. Death Rate.	Mat. Deaths.		Still Birth Rate.	*Mat. Death Rate.	Mat. Deaths.		Still Birth Rate.	*Mat. Death Rate.	Mat. Deaths.		Still Birth Rate.	*Mat. Death Rate.
		Sepsis.	Other.			Sepsis.	Other.			Sepsis.	Other.			Sepsis.	Other.		
1. SUTTON COLD-FIELD.	Sutton Coldfield M.B.	29	—	33.64	—	19	2	27.06	4.39	19	—	24.51	—	—	—	14	16.07
2. NORTH-EASTERN	Nuncaton M.B.	36	1	28.34	0.81	30	—	27.72	0.95	33	—	28.44	0.88	—	1	23	18.08
	Bedworth U.D.	11	—	20.33	—	18	—	39.13	—	12	—	25.31	—	—	—	14	27.23
	Atherstone R.D.	11	2	23.15	6.46	9	1	19.18	2.17	9	1	28.14	2.05	—	1	10	21.00
3. EASTERN.	Rugby M.B.	21	1	23.17	1.12	17	1	20.23	2.43	13	—	14.92	—	—	—	10	11.42
	Rugby R.D.	11	—	30.03	—	6	—	19.09	—	6	1	16.26	2.75	—	—	7	17.28
4. NORTH-WESTERN.	Meriden R.D.	13	—	18.78	—	20	—	29.89	1.54	18	1	27.73	3.16	—	1	15	19.03
	Tamworth R.D.	15	—	46.15	—	12	1	39.08	3.38	7	—	20.55	—	—	—	10	28.98
5. SOLIHULL.	Solihull U.D.	31	3	21.66	2.80	31	—	26.40	—	28	2	22.38	2.45	—	1	25	18.24
6. CENTRAL.	Leamington M.B.	18	3	26.39	4.51	14	—	21.08	—	12	—	17.90	4.53	—	3	19	26.91
	Warwick M.B.	8	1	25.15	3.22	7	—	26.51	—	8	—	25.64	—	—	—	6	19.35
	Kenilworth U.D.	3	—	14.85	—	4	—	22.09	—	5	—	26.31	—	—	—	2	9.38
	Souham R.D.	5	—	21.18	—	5	—	23.04	—	4	—	19.60	5.00	—	1	6	23.29
	Warwick R.D.	5	1	15.82	3.21	3	1	12.29	4.14	5	—	18.65	—	—	—	8	26.31
7. SOUTHERN.	STRATFORD-ON-AVON M.B.	9	—	36.00	—	7	—	29.41	4.32	10	—	33.89	—	—	—	7	24.64
	Alcester R.D.	4	—	17.16	—	4	1	16.46	4.18	4	—	17.39	—	—	—	6	24.00
	Shipston-on-Stour R.D.	2	—	13.42	—	4	—	28.77	—	1	—	6.25	—	—	—	1	7.04
	Stratford-on-Avon R.D.	10	—	34.60	—	6	1	19.86	3.37	8	1	24.09	3.08	—	—	11	31.33
	COUNTY TOTALS	242	6	25.35	1.50	216	3	25.39	1.56	202	4	22.32	1.46	9	2	194	19.93
																6	0.83

\*Death rate per 1000 Live Births.



# ANALYSIS OF INFANT DEATHS, 1947.

Area.	County Districts comprised.	UNDER 1 MONTH.					1-12 MONTHS.					0-1 YEAR.					RATES.	
		Prematurity and Congenital Debility.	Congenital Malformations and Birth Injury.	Other Causes	All Causes	Measles, Whooping C. and Pneumonia.	Enteritis.	Other Causes	All Causes	Prematurity and Congenital Debility.	Congenital Malformations and Birth Injury.	Measles Wh. C., Pneumonia.	Enteritis.	Other Causes	All Causes	Neo-Natal.	Infant Mortality, per 1,000 Live Births.	
1. SUTTON COLD-FIELD.	Sutton Coldfield M.B.	9	3	—	12	1	2	3	6	9	3	1	2	3	18	14.00	21.00	
2. NORTH-EASTERN	Nuneaton M.B.	25	11	10	46	7	4	3	14	25	11	7	4	13	60	36.82	48.03	
	Bedworth U.D.	3	3	2	8	6	—	5	11	3	3	6	—	7	19	16.00	38.00	
	Atherstone R.D.	5	3	1	9	6	1	2	9	5	3	6	1	3	18	19.31	38.62	
	TOTAL	33	17	13	63	19	5	10	34	33	17	19	5	23	97	28.44	43.79	
3. EASTERN.	Rugby M.B.	8	9	—	17	3	6	5	14	8	9	3	6	5	31	19.65	35.83	
	Rugby R.D.	3	1	2	6	1	—	2	3	3	1	1	—	4	9	15.07	22.61	
	TOTAL	11	10	2	23	4	6	7	17	11	10	4	6	9	40	18.21	31.67	
4. NORTH WEST-ERN.	Meriden R.D.	10	5	2	17	7	3	3	13	10	5	7	3	5	30	21.99	38.81	
	Tamworth R.D.	2	2	2	6	2	—	2	4	2	2	2	—	4	10	17.91	29.85	
	TOTAL	12	7	4	23	9	3	5	17	12	7	9	3	9	40	20.75	36.10	
5. SOLIHULL.	Solihull U.D.	4	7	4	15	5	4	8	17	4	7	5	4	12	32	11.15	23.79	
6. CENTRAL.	Leamington M.B.	6	7	—	13	4	1	—	5	6	7	4	1	—	18	18.92	26.20	
	Warwick M.B.	3	4	—	7	4	—	—	4	3	4	4	—	—	11	23.02	36.13	
	Kenilworth U.D.	4	3	1	8	2	—	1	3	4	3	2	—	2	11	37.91	52.13	
	Southam R.D.	6	1	—	7	3	2	—	5	6	1	3	2	—	12	27.77	47.61	
	Warwick R.D.	3	3	3	9	1	—	1	2	3	3	1	—	4	11	30.40	37.16	
	TOTAL	22	18	4	44	14	3	2	19	22	18	14	3	6	63	25.14	36.00	
7. SOUTHERN.	Stratford-on-Avon M.B.	3	1	4	8	2	—	—	2	3	1	2	—	4	10	28.88	36.10	
	Alcester R.D.	7	—	—	7	1	—	1	2	7	—	1	—	1	9	28.68	36.88	
	Shipston-on-Stour R.D.	2	1	—	3	1	—	—	1	2	1	1	—	—	4	21.27	28.41	
	Stratford-on-Avon R.D.	3	2	2	7	3	—	4	7	3	2	3	—	6	14	20.58	41.17	
	TOTAL	15	4	6	25	7	—	5	12	15	4	7	—	11	37	24.95	36.92	
	COUNTY TOTALS	106	66	33	205	59	23	40	122	106	66	59	23	73	327	21.48	34.27	

PREMATURE BIRTHS IN WARWICKSHIRE (M. & C.W. AREA), 1947.

Total Notified Births—9,965.

Weight Group.	Number of Premature Births.		Days of survival of those dying.										Over.	No. Surviving.	Per-centage survival.
	Born alive.	Born dead.	First week.							Second week.					
			1	2	3	4	5	6	7						
lb. oz. lb. oz.															
5.1 — 5.8	190	4	3	1	—	—	—	—	—	2			1	183	96.31
4.9 — 5.0	101	3	3	3	2	2	1	—	1	3			1	85	84.15
4.1 — 4.8	52	7	4	1	—	—	—	—	2	1			—	44	84.61
3.9 — 4.0	43	6	9	3	1	1	—	—	1	—			3	25	58.14
3.1 — 3.8	16	3	3	—	1	—	—	—	—	—			1	11	68.75
2.9 — 3.0	22	5	8	—	5	—	—	—	—	2			—	7	31.81
2.1 — 2.8	7	1	2	1	—	—	—	—	1	—			1	2	28.57
1.9 — 2.0	5	4	4	—	—	—	—	—	—	—			—	1	20.00
1.1 — 1.8	3	—	3	—	—	—	—	—	—	—			—	—	—
TOTAL :	439	33	39	9	9	3	1	—	5	8			7	358	81.54
			81												

PREMATURE BIRTH RATES.

		1943	1944	1945	1946	1947
Total (Live and Still) Births —Registrar-General.		8728	9543	8504	9050	9734
Premature Live Births.	Number (N.O.B.)	329	334	357	530	439
	Rate	37.69	35.00	41.98	58.56	45.09
Premature Stillbirths	Number (N.O.B.)	46	45	26	45	33
	Rate	5.27	4.71	3.05	4.97	3.39

CHILD WELFARE CENTRES.

No. of Centres.				Medical Officer.		Children on Registers.			Attendances.			Health Visitors' Attendances.
Voluntary.	Fixed.	Served by Mobile Equipment.	Total.	Provided by Volun- tary Committee.	Provided by County Council.	Up to 1 year.	Over 1 year.	Total.	Up to 1 year.	Over 1 year.	Total.	
43	2	21	66	15	51	3895	5913	9808	51987	20089	72076	2667



Area No.	Area.	Centre.	Where held.	When held (all meetings at 2 p.m. unless otherwise stated)	Medical Officer.	New Cases— Children.		All children in attendance.		Total attendance.		
						Under 1 year.	One to five years	Under 1 year.	One to five years	Under 1 year.	One to five years	Total.
1	SUTTON COLDFIELD	—	—	—	—	—	—	—	—	—	—	—
2	NORTH-EASTERN.	Atherstone ...	Parish Hall...	Every Wednesday...	Dr. M. Bradford ...	63	—	63	81	1,188	133	1,321
		Bedworth ...	Saunders Avenue	Every Monday and Thursday.	Dr. C. Appleyard ...	241	6	241	255	3,869	848	4,717
		Bulkington ...	Council Rooms ...	Every Wednesday...	Dr. C. Appleyard ...	51	8	51	71	1,137	314	1,451
		Dordon ...	Sunday School ...	1st and 3rd Mondays	Dr. A. Lindsay ...	42	2	43	84	532	472	1,004
		Ansley Common ...	St. John's Hall ...	Every Wednesday...	Dr. M. J. Kelly ...	72	—	72	125	944	761	1,705
		Polesworth ...	Baptist Church Room	2nd and 4th Tuesdays	Dr. C. A. Cowie ...	59	6	59	79	837	524	1,361
		Baddesley ...	Liberal Club ...	4th Tuesday ...	Dr. G. K. Coote	38	1	37	38	225	92	317
3	EASTERN.	Bilton ...	Church House ...	1st & 3rd Thursdays	Dr. A. H. M. Young.	40	3	40	95	543	375	918
		Brinklow ...	Church Room ...	1st & 3rd Wednesdays	Dr. P. J. O'Reilly	36	—	36	65	271	242	513
		Dunchurch ...	The Parish Hall ...	2nd & 4th Thursdays	Dr. A. H. M. Young.	36	—	36	105	438	548	986
		Hillmorton ...	Dorothy Fenwick Club	2nd & 4th Mondays	Dr. A. H. M. Young	44	3	44	68	498	161	659
		Long Lawford ...	Church Hall, Chapel Street	2nd & 4th Tuesdays	Dr. P. J. O'Reilly	37	7	37	73	437	256	693
		New Bilton...	Wesleyan Chapel, Lawford Road	Every Wednesday	Dr. R. Smith ...	128	96	128	174	1,796	596	2,392
		Rugby ...	Baptist Church Room, Regent Place	Alternate Mondays and every Friday	Dr. A. H. M. Young Dr. P. J. O'Reilly ...	303	—	303	285	4,186	488	4,674
		Stretton-on-Duns- more	Village Hall ...	2nd & 4th Thursdays	Dr. K. Scott ...	60	1	60	116	607	332	939
		Wolston ...	Oddfellows Hall ...	2nd Wednesday ...	Dr. P. J. O'Reilly ...	21	—	21	63	144	75	219
		Wolvey ...	Village Hall, Sharpe Street	4th Tuesday ...	Dr. P. J. O'Reilly ...	34	28	34	48	220	163	383
4	NORTH WESTERN	Amington ...	The Band Room,	1st & 3rd Wednesdays	Dr. G. Kershaw ...	38	—	38	38	511	303	814
		Arley ...	Miners' Welfare Hall	1st & 3rd Tuesdays	Dr. M. J. Kelly	74	—	74	110	843	545	1,388
		Castle Bromwich ...	Victory Hall ...	Every Tuesday ...	Dr. J. B. Bramwell	84	19	84	169	941	591	1,532
		Coleshill ...	Town Hall ...	Every Monday ...	Dr. G. R. Kershaw	60	—	60	150	988	837	1,825
		Hampton-in-Arden	Girls' Old School, High Street	1st & 3rd Thursdays	Dr. H. Christal ...	9	—	9	30	142	123	265
		Keresley ...	Welfare Centre Hut	Every Thursday ...	Dr. Kander ...	109	38	109	235	1,994	1,151	3,145
		Kingsbury ...	Methodist School Room	2nd & 4th Tuesdays	Dr. M. J. Kelly ...	43	—	43	95	710	667	1,377
		Meriden ...	Mrs. Poole's Tea Rooms	2nd & 4th Mondays	Dr. G. R. Kershaw	40	3	28	60	389	224	613
		Newton Regis	The Institute ...	2nd & 4th Wednesday	Dr. G. R. Kershaw	12	—	12	32	123	142	265
		Wilnecote ...	Parish Hall...	1st & 3rd Mondays	Dr. J. V. L. Grant	56	4	56	114	813	470	1,283
		Water Orton ...	Church Hall ...	2nd & 4th Wednesday	Dr. W. Walker ...	31	—	31	71	395	294	689
		Balsall Street	Women's Institute	3rd Wednesday ...	Dr. M. J. Kelly ...	43	—	43	48	203	123	326
		Berkswell ...	Reading Room ...	Alternate Tuesdays	Dr. J. Gaston ...	48	5	48	53	319	120	439
		Fillongley ...	Village Hall ...	1st Friday ...	Dr. G. R. Kershaw	35	1	34	57	187	140	327
		Marston Green	Free Church Hall ...	1st & 3rd Fridays, 10—12 noon	Dr. M. J. Kelly ...	28	—	25	48	342	146	488
		Nether Whitacre ...	Methodist School Room	3rd Friday ...	Dr. G. R. Kershaw	16	5	16	26	117	67	184
5	SOLIHULL.	Knowle ...	Women's Institute, Station Road	1st & 3rd Thursdays	Dr. J. L. Whatley...	46	—	46	85	787	211	998
		Olton ...	Congregational Church Room	Every Thursday ...	Dr. J. Henderson ...	181	—	181	212	2,599	251	2,850
		Olton (Wagon Lane)	Old Isolation Hosp- ital	Every Tuesday ...	Dr. J. Henderson	153	61	153	187	1,959	290	2,249
		Shirley ...	The Institute, Church Road	Every Tuesday and Wednesday	Dr. E. Thompson ...	280	—	280	412	4,442	644	5,086
		Solihull ...	P.A. Institution ...	Every Monday ...	Dr. J. Henderson ...	135	—	135	143	1,591	429	2,020
		Hockley Heath ...	The Institute ...	Alternate Tuesdays	Dr. Galbraith ...	14	18	14	52	231	166	397
6	CENTRAL.	Bishops Itchington	Memorial Hall ...	1st & 3rd Wednesdays	Dr. J. B. Bramwell	48	3	48	84	286	277	563
		Cubbington ...	Methodist Sunday School	1st & 3rd Thursdays	Dr. P. Whitfield ...	36	3	36	71	405	287	692
		Kenilworth ...	Parochial Hall, High Street	Every Friday ...	Dr. J. B. Bramwell	99	1	102	104	1,463	219	1,682
		Napton ...	The Victory Hut ...	2nd & 4th Tuesdays	Dr. K. Scott ...	21	—	21	35	150	99	249
		Southam ...	C.W.C. Hut ...	1st & 3rd Tuesdays	Dr. K. Scott ...	29	—	29	50	365	167	532
		Warwick ...	F.A. Post, Lakin Road	Every Wednesday and Friday	Dr. J. B. Bramwell Dr. P. Whitfield ...	206	—	206	221	3,518	447	3,965
		Whitnash ...	St. Margaret's Hall	2nd & 4th Fridays	Dr. D. F. L. Croft	32	7	32	70	363	135	498
		Baginton ...	British Legion Hut	2nd Wednesday ...	Dr. J. Hamilton Wood.	6	1	6	14	34	16	50
		Barford ...	Village Hall ...	3rd Wednesday, 10—12 noon	Dr. J. Bramwell ...	14	—	14	49	90	105	195
		Lapworth ...	The Cafe ...	4th Tuesday, 10—12 noon	Dr. J. Hamilton Wood.	8	—	8	21	55	73	128
		Long Itchington ...	Village Hall ...	4th Monday ...	Dr. K. Scott ...	18	—	18	46	114	109	223
		Stockton ...	Village Hall ...	4th Monday ...	Dr. K. Scott ...	13	8	13	26	74	61	135
		Stoneleigh ...	Victory Hall ...	Alternate Mondays	Dr. J. Hamilton Wood.	25	11	25	53	182	202	384
		Wroxall ...	The School ...	1st Wednesday, 10—12 noon	Dr. J. Bramwell ...	8	—	8	20	81	37	118
7	SOUTHERN	Alcester ...	Baptist School ...	1st & 3rd Fridays ...	Dr. E. S. Thomas ...	37	—	37	73	702	252	954
		Bidford-on-Avon ...	Welfare Hut ...	Every Tuesday ...	Dr. M. V. Murray ...	34	—	34	59	393	601	994
		Earlwood ...	Village Hall ...	2nd & 4th Mondays	Dr. G. W. Phillips	31	—	31	43	438	275	713
		Henley-in-Arden ...	Public Hall ...	2nd & 4th Mondays	Dr. R. Van Farr	37	4	37	52	344	238	582
		Kineton ...	The Village Hall ...	2nd & 4th Fridays	Dr. K. Scott ...	37	—	37	69	299	427	726
		Shipston-on-Stour	The Hostel ...	1st Tuesday ...	Dr. J. B. Bramwell	25	5	25	85	188	295	483
		Stratford-on-Avon...	Tyler Street ...	Every Tuesday and Wednesday	Dr. E. S. Thomas ...	182	10	182	188	2,889	613	3,502
		Studley ...	Wesleyan School ...	Every Thursday ...	Dr. J. B. Bramwell	59	—	59	74	552	387	939
		Lower Brailcs ...	Church Institute ...	3rd Thursday, 10—12 noon	Dr. Walker ...	12	—	12	25	78	77	155
		Tanworth-in-Arden	Muntz Memorial Hall	1st Wednesday ...	Dr. Galbraith ...	6	—	6	19	27	34	61
		Welford-on-Avon ...	Memorial Hall ...	4th Wednesday, 10—12 noon	Dr. Walker ...	9	1	9	26	81	72	153
		Wellesbourne ...	Conservative Club...	3rd Thursday ...	Dr. Walker ...	26	8	26	53	251	142	393
		Whitchurch ...	The Hut ...	4th Wednesday ...	Dr. Walker ...	10	7	10	31	67	128	195
						3,908	384	3,895	5,913	51,987	20,089	72,076



# NURSING IN THE HOME.

## SUMMARY OF WORK UNDERTAKEN BY NURSES EMPLOYED BY DISTRICT NURSING ASSOCIATIONS AFFILIATED TO THE COUNTY NURSING ASSOCIATION.

Cases.			Visits					Clinics.	
Mid-wifery.	Mater-nity.	General	Mater-nity.	Mid-wifery.	Ante-Natal.	Gen-eral.	Casual.	Attendances at :	
								Child Welfare Centres.	Ante-Natal.
1,493	531	5,691	10,676	28,718	14,583	107,461	14,830	707	210
Total—7,715			Total—176,268					Total—917.	

## HOME VISITING BY HEALTH VISITORS.

No. of Health Visitors.	Live Births.	Visits to Infants under 1 year.		Visits to Children between 1 and 5 years.		Total.
		First Visits.	Re-visits.	First Visits.	Re-visits.	
33	9,540	7,392	17,701	3,618	27,617	56,328

## CHILD LIFE PROTECTION.

On register 31st Dec., 1946.	Removed during 1947.	Added during 1947.	On register 31st Dec., 1947.	Health Visitors Visits.	
				First visits.	Re-visits.
86	31	52	107	155	651

### Midwives.

There were 101 midwives practising in Warwickshire during 1947, as follows :—

#### 1. Domiciliary :

(a) Directly employed by County Council ... ..	15
(b) Directly employed by Nuneaton Borough Council* ... ..	5
(c) District Midwives, District Nurse Midwives or Village Nurse Midwives employed by District Nursing Associations ... ..	50
(d) District Midwives employed by Warneford Hospital ... ..	3
(e) Independent ... ..	19
(f) Living outside the County ... ..	9
Total ... ..	101

\*Nuneaton is a separate Local Supervising Authority, but the number is included to shew the total for the whole of the Administrative County.

## 2. Institutions.

Voluntary Hospitals	...	...	...	...	...	...	...	20
County Hospitals	...	...	...	...	...	...	...	15
Local Authority's Maternity Homes	...	...	...	...	...	...	...	23
Private Maternity Homes	...	...	...	...	...	...	...	26
								—
Total	...	...	...	...	...	...	...	84
								—
Grand Total	...	...	...	...	...	...	...	185
								—

## Analysis of Cases.

Attended by Midwives without Doctors	...	...	...	...	...	5,547
Attended as maternity cases with Doctors...	...	...	...	...	...	2,354

## Institutional deliveries :

County Hospitals	...	...	...	...	...	...	999
Voluntary Hospitals	...	...	...	...	...	...	2,302
County Maternity Homes	...	...	...	...	...	...	807
Nursing Homes	...	...	...	...	...	...	1,710
							—
							5,818
							—

## Notified Births, 1947 :

Maternity and Child Welfare County	...	...	...	...	...	6,452
Boroughs of Leamington	...	...	...	...	1,128	
Nuneaton	...	...	...	...	1,673	
Sutton Coldfield	...	...	...	...	712	
					—	3,513
						—
						9,965
						—

Institutional confinements	...	...	...	...	...	58.4%
Domiciliary confinements	...	...	...	...	...	41.6%

## Medical Help for Midwives.

Cases in which sought	...	...	...	...	...	1,125
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## Obstetric Consultant Service.

Cases in which consultant called in	...	...	...	...	...	16
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## Puerperal Pyrexia.

Maternity and Child Welfare County	...	...	...	...	...	16
Boroughs of Leamington, Nuneaton and Sutton Coldfield	...	...	...	...	...	20

Total	...	...	...	...	...	36
-------	-----	-----	-----	-----	-----	----

Admitted to Hospital:	...	...	...	...	...	2
Deaths from Puerperal Sepsis	...	...	...	...	...	2

## Ante Natal Care.

### (a) Hostel Accommodation.

Details of Hostel facilities provided at Stratford-on-Avon, both for expectant mothers, and for the care of mothers and babies, transferred from the Maternity Home or Hospital, are as follows :—

	No. of beds.	No. of mothers admitted.	Average length of stay (days).
<i>Ante Natal Hostel—</i>			
2, Guild Street, Stratford-on-Avon	25	178	15.66
<i>Post Natal Hostel—</i>			
Rother Street, Stratford-on-Avon	16	115	24.77



(b) *Hamilton Home.*

During the year, 8 cases were admitted to the Home, in respect of which liability was incurred for 111 weeks' maintenance. Of the 8 cases, 4 were chargeable for a period of 24 weeks or over, and 4 for shorter periods.

(c) *Ante-Natal Clinics.*

<i>Name of Clinic.</i>	<i>No. of women attending.</i>	<i>Total attendances.</i>
Bedworth ... ..	232	941
Keresley ... ..	67	190
Rugby ... ..	505	2,894
Stratford-on-Avon ... ..	375	2,269*
Warwick ... ..	174	816
Wilnecote ... ..	39	154

\*Plus 38 Post Natal attendances.

(d) *Ante Natal Medical Practitioner Scheme.*

Cases referred to Doctors by Midwives:—

Uninsured ... ..	881
Insured ... ..	280

THE CARE OF THE UNMARRIED MOTHER AND HER CHILD.

NEW CASES IN YEAR ENDED 31ST DECEMBER, 1947.

<i>Number of cases dealt with.</i>			<i>Referred by Moral Welfare Societies.</i>	<i>Referred from other sources.</i>	<i>Warwickshire Women.</i>	<i>Non-Warwick- shire women.</i>		
346			89	257	272	74		
<i>Previous Pregnancies.</i>				<i>Age classification—</i>				
<i>Married.</i>	<i>Single.</i>	<i>Widowed.</i>		<i>Under 20</i>	<i>20—25</i>	<i>26—30</i>	<i>31—40</i>	<i>41—50</i>
82	249	15	120	43	178	70	50	5
<hr/>								
346								

DISPOSITION OF CASES.

<i>Baby died.</i>	<i>Fostered.</i>	<i>Adopted.</i>	<i>Mother Keeps.</i>	<i>Pregnancy terminated.</i>	<i>Referred elsewhere.</i>	<i>Not pregnant.</i>
5	4	73	253	5	5	1
346						

Two new applications for registration of Nursing Homes were received during the year. One registration was cancelled in Solihull U.D., leaving 9 homes registered at the end of 1947.

NURSING AND MATERNITY HOMES ON REGISTER, DECEMBER 31st, 1947.

The Boroughs of Leamington Spa, Nuneaton and Sutton Coldfield have delegated powers for Registration of Nursing and Maternity Homes, and Homes situate therein are not included in the following table :—

District.	Nursing only.		Maternity only.		Nursing and Maternity.			Total Beds.			
	No.	Total beds.	No.	Total beds.	No.	Nursing beds.	Maternity beds.	No.	Nursing and other.	Mater- nity.	Total.
KENILWORTH ...	—	—	—	—	1	6	4	1	6	4	10
RUGBY M.B. ..	—	—	—	—	1	6	5	1	6	5	11
SOLIHULL U.D. ...	—	—	2	50	1	1	4	3	1	54	55
ALCESTER R.D. ...	—	—	1	2	—	—	—	1	—	2	2
SOUTHAM R.D. ...	—	—	1	4	—	—	—	1	—	4	4
STRATFORD-ON-AVON R.D. ....	—	—	1	2	—	—	—	1	—	2	2
WARWICK R.D. ....	—	—	—	—	1	19	6	1	19	6	25
	—	—	5	58	4	32	19	9	32	77	109

## NURSERIES.

The residential and day nurseries referred to in my last Report have continued to operate during the year, with the exception of the Emscote Road Nursery, Warwick, which was transferred to the Education Authority, for use as a Nursery School, on March 1st, 1947.

Nursery Schools have been established in connection with the nurseries at Atherstone, Kenilworth and Rugby, as shown in the following summary :—

<i>Nursery.</i>	<i>No. of places under Welfare Authority.</i>	<i>Numbers on Registers at 31st Dec., 1947.</i>
<i>Day Nurseries :</i>		
Atherstone, Ratcliffe Road (M. & C.W.) ...	8	8
(Nursery School)	35	40
Kenilworth, Station Road (M. & C.W.) ...	15	15
(Nursery School)	30	35
Rugby, Holbrook Avenue (M. & C.W.) ...	15	15
(Nursery School)	45	44
Shirley, Marshall Lake Road (M. & C.W.) ...	45	40
Warwick, Priory Road ... (M. & C.W.)	50†	49
<i>Residential Nurseries :</i>		
Rugby, 14, The Crescent ... ..	26	19
Wilnecote, Watling Street ... ..	16	16

† Maximum now reduced to 45 places.

## NURSERY NURSES' TRAINING SCHEME.

<i>No. in training on 31/12/46.</i>	<i>Students enrolled during 1947.</i>	<i>No. who passed County examination during 1947.</i>	<i>No. who passed R.S.I. examination during 1947.</i>	<i>No. employed in County Nurseries after training.</i>	<i>No. who transferred to Hospital for general nursery training.</i>	<i>No. who took posts elsewhere as nursery nurses or in private employ.</i>	<i>No. still training on 31/12/47.</i>
25	20	*7	6	3	3	1	27

\*One student also passed the examination of the National Nurseries Examination Board.

## CONTROL OF INFECTIOUS DISEASE. DIPHTHERIA IMMUNISATION, 1947.

District.	No. of children who completed a full course of Primary Immunisation in year to 31/12/47.		No. of children given secondary or reinforcing Injection.	
	Age at final injection.		Total.	Year to 31/12/47.
	Under 5.	5—14.		
Urban :				
Bedworth ... ..	375	137	512	23
Kenilworth ... ..	142	54	196	48
Leamington Spa ... ..	390	130	520	27
Nuneaton ... ..	494	167	661	39
Rugby ... ..	466	14	480	77
Solihull ... ..	832	194	1,026	353
Stratford-on-Avon ... ..	194	23	217	22
Sutton Coldfield ... ..	433	6	439	9
Warwick ... ..	199	28	227	20
Rural :				
Alcester... ..	108	8	116	17
Atherstone ... ..	386	44	430	6
Meriden... ..	484	76	560	101
Rugby ... ..	174	6	180	37
Shipston-on-Stour ... ..	106	6	112	109
Southam ... ..	112	13	125	12
Stratford-on-Avon ... ..	188	18	206	189
Tamworth ... ..	241	57	298	7
Warwick ... ..	123	9	132	92
TOTALS ... ..	5,447	990	6,437	1,188



NOTIFICATION OF INFECTIOUS DISEASES.—Summary of Returns of Medical Officers of Health for the year ended 31st December, 1947.

	Estimated Civilian Population as at June 30th, 1947.	Small Pox.	Scarlet Fever.	Diphtheria in Membranous Group.	Enteric Fever, (Typhoid)	Paratyphoid (Cases.)	Pneumonia.	Food Poisoning.	Plague.	Puerperal Fever.	Puerperal Pyrexia.	Cerebro-spinal Fever.	Acute Poliomyelitis.	Acute Encephalitis.	Typhus Fever.	Relapsing Fever.	Continued Fever.	Trench Fever.	Dysentery.	Ophthalmia Neonatorum.	Erysipelas.	Tuberculosis.		Malaria.		Chicken-Pox.	Measles (excluding German Measles).	Whooping Cough.	
																						Pulmonary	Other Forms.	Stated to be Contracted in this Country.	Other Cases.				
URBAN :—		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Bedworth	22,940	—	63	6	..	..	46	..	..	..	2	6	..	..	2	..	..	..	..	..	1	4	30	7	..	..	..	313	16
Kenilworth	9,780	..	10	2	..	..	3	..	..	..	1	..	5	..	..	..	..	..	..	..	..	..	3	1	..	..	..	77	29
Leamington Spa	35,170	..	29	24	..	..	25	..	..	..	16	3	9	..	..	..	..	..	..	7	2	4	50	5	..	..	..	190	20
Nuneaton	52,390	..	274	28	..	..	47	..	..	..	..	2	3	..	..	..	..	..	..	1	2	12	88	13	..	..	21	343	27
Rugby	43,780	..	80	1	..	1	34	..	..	..	2	1	4	..	..	..	..	..	..	3	2	6	45	13	..	..	..	460	88
Solihull	63,890	..	103	22	..	..	37	..	..	..	1	..	22	1	..	..	..	..	..	..	5	5	43	6	..	..	..	898	195
Stratford-on-Avon	13,750	..	30	..	..	..	38	..	..	..	..	..	7	1	..	..	..	..	..	..	1	1	8	2	..	1	..	182	29
Sutton Coldfield	45,280	..	107	6	1	1	28	..	..	..	4	3	31	3	..	..	..	..	..	1	2	9	23	7	..	1	..	380	61
Warwick	14,470	..	12	1	..	..	14	..	..	..	1	5	10	..	1	..	..	..	..	..	..	2	26	—	..	..	..	118	26
RURAL :—																													
Alcester	12,610	..	12	2	..	..	32	..	..	..	1	..	..	1	..	..	..	..	..	..	..	2	8	4	..	..	..	361	18
Atherstone	22,510	..	34	2	..	..	56	..	..	..	..	..	4	1	..	..	..	..	..	..	1	3	28	9	..	..	..	246	13
Meriden	34,800	..	48	10	..	..	58	..	..	..	5	3	7	2	1	..	..	..	..	2	..	9	29	9	..	..	..	423	51
Rugby	17,300	..	22	..	..	..	12	..	..	..	2	..	1	1	..	..	..	..	..	2	1	..	17	10	..	..	..	78	46
Shipston-on-Stour	7,890	..	5	..	..	..	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	2	3	..	..	..	5	..
Southam	11,380	..	12	4	..	1	3	..	..	..	..	..	2	..	..	..	..	..	..	..	1	..	11	2	..	..	..	153	87
Stratford-on-Avon	17,200	..	24	3	..	..	12	..	..	..	..	1	7	..	..	..	..	..	..	..	1	1	8	2	..	..	1	184	16
Tamworth	15,810	..	7	..	..	..	12	..	..	..	1	..	5	..	..	..	..	..	..	1	1	1	4	3	..	..	..	76	16
Warwick	18,280	..	26	7	..	1	5	..	..	..	..	1	5	1	..	..	..	..	..	5	..	1	16	2	..	..	..	91	5
TOTALS	459,230	..	898	118	1	6	465	..	..	..	36	25	123	11	4	..	..	..	..	22	19	60	439	98	..	2	22	4578	743

The following table shews the infectious diseases notified during 1947, and the deaths recorded, together with the relative figures for the two previous years :—

<i>Diseases.</i>	1947.		1946.		1945.	
	<i>Cases Notified.</i>	<i>Deaths.</i>	<i>Cases Notified.</i>	<i>Deaths.</i>	<i>Cases Notified.</i>	<i>Deaths.</i>
Smallpox ...	—	—	—	—	—	—
Scarlet Fever ...	898	—	556	1	657	1
Typhoid ...	1	—	7	—	3	—
Paratyphoid Fever ...	6	—	19	—	2	—
Diphtheria ...	118	3	82	3	113	6
Whooping Cough ...	743	10	1,063	5	776	12
Puerperal Pyrexia ...	36	2	32	4	54	3
Pneumonia ...	465	273	542	219	426	204
Cerebro-Spinal Fever ...	25	2	25	3	25	9
Acute Poliomyelitis ...	123	10	13	4	—	—
Acute Polioencephalitis ...	11		—	—	3	1
Encephalitis Lethargica ...	4	5	2	6	—	—
Measles ...	4578	4	969	3	4,195	12

*Vaccination against Smallpox.*

The following statistics relate to vaccination in 1947, with corresponding figures for five previous years :—

	1947.	1946.	1945.	1944.	1943.	1942.
Conscientious Objections—Per						
cent. of registered births ...	43.81	43.76	43.49	44.43	44.05	45.88
Successful vaccinations ...	25.89	25.47	25.55	25.07	28.00	23.42
Insusceptible of vaccination ...	0.47	1.21	0.15	0.38	0.38	0.32
Postponed on medical certificate...	0.86	0.46	0.51	0.60	0.42	0.52
Left the County ...	11.92	12.13	13.57	12.52	11.75	9.54
Lost sight of ...	4.15	4.10	3.82	3.78	3.36	4.26

RETURN shewing the number of Births Registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the Districts of the COUNTY OF WARWICK during the year ended 31st December, 1947.

VACCINATION DISTRICTS.	No. of Births returned in "Birth List Sheets" as Registered during the year ended 31st Dec., 1946. 1	Cases successfully vaccinated, 1947.		Insusceptible of Vaccination. 4	Died Unvaccinated. 5	Cases under Postponement. 6	Removals to other Vaccination Districts. 7	No. of cases not to be found. 8	Number of cases remaining unvaccinated at end of 1947. 9	No. of Conscientious Certificate 10
		No. of Cases. 2	Percentage of Births shewn in column 1. 3							
therstone ...	326	42	12.88	—	12	—	—	—	178	94
eriden... ..	1,107	175	15.80	5	30	2	196	28	118	553
utton Coldfield	680	454	66.76	7	7	32	40	20	34	86
umworth ...	233	50	21.45	6	13	4	13	7	—	140
uneaton ...	1,508	76	5.03	—	60	19	206	75	212	860
edworth ...	313	49	15.65	3	1	2	—	30	—	228
lihull ... ..	1,113	420	37.73	—	38	3	32	95	120	405
agby ... ..	1,001	353	35.26	1	29	9	35	44	67	463
anchurch ...	101	10	10.00	—	1	—	—	1	41	48
amington Spa	1,017	239	23.50	17	25	2	262	2	—	470
arwick ... ..	552	123	22.28	1	17	2	169	5	52	183
enilworth ...	199	53	26.63	—	3	3	29	—	61	50
utham ... ..	130	49	37.69	—	2	—	12	1	—	66
ratford-on-Avon	546	191	34.98	3	13	1	28	55	21	234
cester... ..	134	52	38.80	—	1	—	—	—	20	61
ellesbourne ...	95	40	42.10	1	6	1	10	3	—	34
ipston-on-Stour	171	13	7.60	—	6	—	68	17	—	67
TOTALS ...	9,226	2,389	25.89	44	264	80	1,100	383	924	4,042

Prevention of Blindness.

Ophthalmia Neonatorum.—Details of notifications received during the year, with corresponding figures for the years 1942 to 1946, are summarised as follows:—

	1947.	1946.	1945.	1944.	1943.	1942.
Total notifications ... ..	19	14	25	24	29	23
Cases resident in Boroughs of Leamington Spa, Nuneaton and Sutton Coldfield ... ..	6	4	9	6	16	7
M. and C.W. County ... ..	13	10	16	18	13	16
Admitted to Hospital ... ..	6	9	1	—	—	1
Vision impaired ... ..	—	—	—	—	—	—



TUBERCULOSIS, 1947.

Area.	County Districts comprised.	PRIMARY NOTIFICATIONS.												No. OF DEFINITE CASES ON CLINIC REGISTER AT THE END OF 1947.												DEATHS.						MORTALITY.					
		Pulmonary.						Other Forms.						Pulmonary.						Other Forms.						Rates.											
		M.			Ch.			F.			M.			Ch.			F.			M.			Ch.			F.			Pulmonary.			Other Forms.			Total.		
1. SUTTON COLD-FIELD.	Sutton Coldfield M.B.	13	10	—	23	2	1	4	7	47	37	4	88	10	9	20	39	9	5	—	14	3	—	3	—	—	3	0.30	0.06	0.37							
2. NORTH-EASTERN	Nuneaton M.B.	48	33	7	88	2	—	11	13	131	98	24	253	22	28	30	80	13	10	—	23	3	—	3	—	—	3	0.43	0.05	0.49							
	Bedworth U.D.	9	16	5	30	1	1	5	7	61	29	15	105	8	9	12	29	13	12	—	25	3	1	4	—	—	4	1.08	0.17	1.26							
	Atherstone R.D.	11	14	3	28	1	2	6	9	44	25	5	74	11	11	10	32	3	6	—	9	—	—	—	—	—	—	—	0.39	—	0.39						
	TOTAL	68	63	15	146	4	3	22	29	236	152	44	432	41	48	52	141	29	28	—	57	6	1	7	—	—	7	0.58	0.07	0.65							
3. EASTERN.	Rugby M.B.	25	18	2	45	3	2	8	13	121	80	17	218	23	26	35	84	16	5	—	21	5	3	8	—	—	8	0.47	0.18	0.66							
	Rugby R.D.	11	5	1	17	1	3	6	10	29	18	12	59	7	10	14	31	3	1	—	4	—	1	1	—	—	1	0.23	0.05	0.28							
	TOTAL	36	23	3	62	4	5	14	23	150	98	29	277	30	36	49	115	19	6	—	25	5	4	9	—	—	9	0.40	0.14	0.55							
4. NORTH-WEST-ERN.	Meriden R.D.	19	8	2	29	1	—	8	9	51	56	7	114	13	17	24	54	4	5	—	9	—	1	1	—	—	1	0.25	0.02	0.28							
	Tamworth R.D.	2	2	—	4	—	—	3	3	19	8	3	30	7	3	9	19	1	4	—	5	1	—	1	—	—	1	0.31	0.06	0.37							
	TOTAL	21	10	2	33	1	—	11	12	70	64	10	144	20	20	33	73	5	9	—	14	1	1	2	—	—	2	0.27	0.03	0.31							
5. SOLIHULL.	Solihull U.D.	27	14	2	43	2	—	4	6	100	63	15	178	9	9	18	36	11	6	—	17	1	1	2	—	—	2	0.26	0.03	0.29							
6. CENTRAL.	Leamington M.B.	28	19	3	50	—	3	2	5	72	34	3	109	9	8	8	25	11	9	—	20	1	3	4	—	—	4	0.56	0.11	0.68							
	Warwick M.B.	16	5	5	26	—	—	—	—	44	13	8	65	4	5	3	12	5	1	—	6	1	1	2	—	—	2	0.41	0.13	0.55							
	Kenilworth U.D.	3	—	—	3	1	—	—	1	14	6	3	23	2	1	2	5	4	1	—	5	1	—	1	—	—	1	0.51	0.10	0.61							
	Souham R.D.	7	3	1	11	1	—	1	2	27	4	4	35	8	8	6	22	3	2	—	5	—	1	1	—	—	1	0.43	0.08	0.52							
	Warwick R.D.	7	8	1	16	—	—	2	2	42	21	3	66	4	5	9	18	3	2	—	5	1	—	1	—	—	1	0.27	0.05	0.32							
	TOTAL	61	35	10	106	2	3	5	10	199	78	21	298	27	27	28	82	26	15	—	41	4	5	9	—	—	9	0.46	0.10	0.56							
7 SOUTHERN.	Stratford-on-Avon M.B.	4	3	1	8	—	—	2	2	11	10	2	23	1	3	6	10	2	1	—	3	1	—	1	—	—	1	0.21	0.07	0.29							
	Alcester R.D.	5	2	1	8	—	—	4	4	19	9	1	29	3	3	4	10	—	—	—	—	—	1	1	—	—	1	—	—	0.07	0.07						
	Shipston-on-Stour R.D.	2	—	—	2	2	1	—	3	11	5	—	16	4	4	4	12	3	2	—	5	—	—	—	—	—	—	0.63	—	0.63							
	Stratford-on-Avon R.D.	4	4	—	8	—	—	2	2	17	13	—	30	4	3	7	14	2	1	—	3	—	2	2	—	—	2	0.17	0.11	0.29							
	TOTAL	15	9	2	26	2	1	8	11	58	37	3	98	12	13	21	46	7	4	—	11	1	3	4	—	—	4	0.21	0.07	0.29							
	COUNTY TOTALS	241	164	34	439	17	13	68	98	860	529	126	1515	149	162	221	532	106	73	—	179	21	15	36	—	—	36	0.38	0.07	0.46							

England and Wales—The Death-Rate for Respiratory Tuberculosis = 0.46 } Total Death Rate = 0.54  
The Death-Rate for Non-Respiratory Tuberculosis = 0.07 }

New cases of Pulmonary and Non-Pulmonary Tuberculosis, and deaths recorded, in the years 1938 to 1947 :—

<i>Pulmonary</i>	<i>Primary</i>	<i>Rate per</i>	<i>Deaths.</i>	<i>Death rate</i>
	<i>Notifications.</i>	<i>1,000</i>		<i>per 1,000</i>
		<i>population.</i>		<i>population.</i>
1938	... 308	0.77	188	0.47
1939	... 307	0.75	180	0.43
1940	... 295	0.69	213	0.50
1941	... 422	0.91	202	0.43
1942	... 331	0.72	187	0.41
1943	... 350	0.78	184	0.41
1944	... 438	0.98	188	0.42
1945	... 452	1.03	175	0.40
1946	... 434	0.96	192	0.42
1947	... 439	0.95	179	0.38

<i>Other forms.</i>	<i>Primary</i>	<i>Rate per</i>	<i>Deaths.</i>	<i>Death rate</i>
	<i>Notifications.</i>	<i>1,000</i>		<i>per 1,000</i>
		<i>population.</i>		<i>population.</i>
1938	... 146	0.36	44	0.11
1939	... 112	0.27	46	0.11
1940	... 77	0.18	55	0.12
1941	... 115	0.24	45	0.09
1942	... 102	0.22	34	0.07
1943	... 104	0.23	41	0.09
1944	... 95	0.21	47	0.10
1945	... 93	0.21	40	0.09
1946	... 105	0.23	39	0.08
1947	... 98	0.21	36	0.07

Deaths.

The age and sex distribution of the deaths in 1947 were :—

<i>Age periods.</i>	<i>Pulmonary.</i>		<i>Other forms.</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0—1	... —	1	2	1
1—5	... —	—	5	2
5—15	... 1	3	3	3
15—45	... 56	55	4	7
45—65	... 42	10	7	2
65 and over	... 7	4	—	—
	106	73	21	15
	179		36	

Dispensaries.

Attendances at the Dispensaries of the Warwickshire and Coventry Joint Committee for Tuberculosis, in the years 1945 to 1947, inclusive :—

	1945.	1946.	1947.
Atherstone ...	237	217	228
Coventry :—			
(Warwickshire patients)	1,620	1,818	1,753
(Coventry Patients)	6,360	6,051	9,188
	7,980	7,869	10,941
Leamington Spa ...	950	982	1,007
Nuneaton ...	674	866	885
Rugby ...	351	424	411
Solihull ...	433	536	508
Stratford-on-Avon ...	313	302	290
Sutton Coldfield ...	44	69	56
(Held in School Clinic premises for School Children only).	10,982	11,265	14,326

X-Ray Examinations at the Chief Dispensary in 1947 totalled 11,919, compared with 9,688 in 1946.

*Return relating to the work of the Dispensaries during 1947.*

<i>Diagnosis.</i>	<i>Pulmonary.</i>		<i>Non-Pulmonary.</i>		<i>Total.</i>	
	<i>Adults.</i>	<i>Children.</i>	<i>Adults.</i>	<i>Children.</i>	<i>Adults.</i>	<i>Children.</i>
A. (1) Number of definite cases of tuberculosis on Dispensary Register at beginning of year ...	2,260	188	283	209	2,543	397
(2) Transfers from other Authorities	66	3	4	2	70	5
(3) "Lost sight of" cases returned	23	1	1	—	24	1
B. Number of new cases of tuberculosis :—						
(1) Class T.B. minus ...	347	52	—	—	347	52
(2) Class T.B. plus ...	276	3	—	—	276	3
(3) Non-Pulmonary ...	—	—	47	57	47	57
C. Number of cases in A. and B. written off as :—						
(1) Recovered ...	91	7	39	22	130	29
(2) Dead (all causes) ...	299	5	7	2	306	7
(3) Removed to other areas ...	98	1	11	6	109	7
(4) For other reasons ...	147	10	28	15	175	25
D. Number of definite cases of Tuberculosis on Dispensary Register at end of year ...	2,349	216	257	212	2,606	428

*The Work of the Sanatorium.*

Dr. CORYDON BUDGE, Medical Superintendent of the Warwickshire King Edward VII. Memorial Sanatorium, gives the following information :—

*Staff.*—In consequence of the continued lack of nursing staff, 68 beds remained closed at the end of the year. 20 ex-patients were employed as Dispensers, Porters, Orderlies, etc.

*Patients' Accommodation.*—The normal complement of beds available in Sanatorium was :—

Males ...	104	Females ...	101	Children ...	34	Total ...	239
-----------	-----	-------------	-----	--------------	----	-----------	-----

The allocation of beds on December, 31st, 1947, was :—

Males ...	82	Females ...	55	Children ...	34	Total ...	171
-----------	----	-------------	----	--------------	----	-----------	-----

*Treatment.*—Details of patients treated, and examinations made in 1945, 1946 and 1947, are :—

<i>Laboratory.</i>	1945.	1946.	1947.
Sputum examinations ...	1,346	970	944
Pathological examinations ...	10	7	—

<i>X-Ray work.</i>	1945.	1946.	1947.
Screen examinations ...	10,766	8,545	9,041
Radiograms ...	1,908	749	825

*In-patient Treatment.*

Patients treated by artificial pneumothorax ...	213	178	147
"    "    artificial sunlight ...	5	11	—
"    "    pneumo-peritoneum ...	2	10	15
"    "    Sanocrysin ...	14	14	1
"    "    Calcium sandoz ...	26	12	7
Patients had phrenic evulsions ...	17	32	16
"    had Thoracoscopy performed ...	—	52	64
"    had refills ...	2,431	1,779	1,348
"    transferred to other institutions ...	3	6	4



*Artificial Sunlight Treatment.*

Lupus	...	...	...	...	...	2	2	—
Abdominal Tuberculosis	...	...	...	...	...	1	2	—
Chilblains	...	...	...	...	...	1	6	—
Glands of Neck	...	...	...	...	...	—	1	—
Total attendances	...	...	...	...	...	—	122	—

*Dental Treatment.*

Treatment of Dental Caries	...	...	...	...	102	65	84
Fitted with new dentures	...	...	...	...	4	4	4
Repairs to Dentures	...	...	...	...	1	4	3
Total attendances	...	...	...	...	—	107	196

*Out-patient Treatment.*

Artificial Pneumothorax	...	...	...	...	207	172	190
Periodical examinations	...	...	...	...	96	150	137
Treatment for Lupus with Calciferol	...	...	...	...	—	3	2
For wash-out and dressing to sinus	...	...	...	...	1	1	—
Total attendances	...	...	...	...	5,528	6,645	6,235

*Maintenance Allowances (Ministry of Health Memorandum 266/T).*

The following statement by the County Treasurer, gives details of applications received, and action taken, in the period from February 8th, 1947, to January 24th, 1948, and also the cumulative totals from the commencement of the Scheme :—

	Year from Feb. 8th, 1947, to Jan. 24th, 1948.		Cumulative total.
Total number of applications received	...	60	376
Number of cases previously in receipt of Institutional Treatment, now eligible for allowances	...	—	—
Number of cases brought forward from the previous quarter	...	4	—
Number of cases eligible to receive maintenance allowances	...	57	290
Number of cases ineligible as they do not come within the scope of Memo. 266/T	...	2	80
Number of cases in which applicant is a single person in receipt of institutional treatment	...	—	4
Number of cases in hand	...	4	4
Number of cases recommenced work after period of treatment	...	31	140
Number of cases in which allowances have terminated on the certificate of the Tuberculosis Officer	...	18	46
Number of cases in which allowances have terminated owing to death	...	4	13
Number of cases in which the allowances have terminated for other reasons	...	14	43
Discretionary allowances—allowances in respect of :—			
Rent, rates, etc.	...	7	39
Hire Purchase instalments	...	8	17
Life assurance premiums	...	16	67
Education of children	...	—	2
Special Payments :—			
Domestic Help	...	—	3
Pocket money	...	2	10

The present weekly cost of the maintenance allowances amounts to £90 12s. 3d., and the total paid since the commencement of the scheme on the 1st July, 1943, is £20,426 15s. 2d.

VENEREAL DISEASES.

Year.	New cases treated.				Cases transferred from other Centres.				Patients discharged cured.				Patients who ceased to attend for treatment.				Patients transferred to other Centres			
	Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1937	35	20	167	68	9	8	27	7	12	22	77	26	18	18	60	20	12	10	31	8
1938	29	24	133	39	11	6	29	4	13	11	83	36	15	12	64	31	17	8	34	9
1939	30	39	117	36	10	8	34	2	14	9	79	37	11	11	36	20	19	6	35	6
1940	29	37	86	53	18	7	34	2	5	11	44	28	25	10	46	10	19	14	40	8
1941	45	27	229	79	25	3	59	2	11	17	70	23	27	17	83	31	28	14	59	10
1942	79	53	167	102	52	21	43	20	5	3	87	57	18	32	71	48	49	19	67	38
1943	74	59	128	94	53	15	25	17	9	10	80	56	11	19	23	14	71	27	54	64
1944	71	70	123	105	47	20	17	6	6	8	58	58	21	11	23	14	56	31	52	39
1945	70	73	160	73	39	12	30	8	9	11	70	37	27	27	25	15	58	23	58	42
1946	152	82	261	74	97	23	83	8	37	35	167	68	12	28	27	19	61	29	59	13
1947	90	70	141	54	81	19	31	3	57	36	138	51	37	32	21	9	50	35	41	12

# ATTENDANCES AT V.D. CLINICS, 1947.

	Warne- ford Hospital.		Coventry & War'kshire Hospital.		General Hospital, Birm'ham.		Hosp. of St. Cross, Rugby.		Nuneaton V.D. Clinic.		Totals.
1 Persons dealt with at Out-patient Clinic for first time suffering from Syphilis ... ..	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Gonorrhoea ... ..	18	18	19	16	7	15	17	7	29	14	160
Not suffering from Venereal Disease	36	11	28	7	24	6	11	4	42	26	195
2 Persons discharged from Clinic after completing treatment for—	51	22	43	27	101	59	31	11	67	19	431
Syphilis ...	11	23	3	0	20	1	9	1	14	11	93
Gonorrhoea	34	12	19	3	26	3	12	2	47	31	189
3 Persons who ceased to attend with- out completing treatment ...	31	11	15	16	—		9	2	8	7	99
4 Persons in an infective condition at time of default ... ..	1	0	2	1	—		3	1	—	—	8
5 (a) Total attendances of all persons at Clinics ... ..	721	720	1040	709	2278	1073	647	295	2082	1387	10952
(previous year) ...	1441 (2365)		1749 (2339)		3351 (3698)		942 (1354)		3469 (4203)		13959
(b) No. of persons in attendance at Clinics ... ..	399	279	234	190	—		173	79	368	260	1982
(c) Average attendance at each Clinic session ... ..	14	7	10.4	7	—		12.4	5.6	32	26.6	19
6 No. of in-patient days of treatment to persons suffering from—											
Syphilis ... ..	—		—		139	196	54	75	—		464
Gonorrhoea ... ..	—		—		0	15	42	41	—		98
Non-Venereal Disease ...	—		—		56	64	—	—	—		120
7 No. of new cases of Venereal Disease	54	29	47	23	31	21	28	11	71	40	355
(previous year) ... ..	83 (104)		70 (111)		52 (137)		39 (79)		111 (138)		569

## STATEMENT OF NEW CASES DEALT WITH, AND TOTAL NUMBER OF PATIENTS AND ATTENDANCES RECORDED IN THE YEARS 1937-1947.

Disease.	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Syphilis ... ..	55	53	63	66	72	132	133	141	143	234	160
Soft Chancre ... ..	1	—	—	1	2	—	—	—	—	—	—
Gonorrhoea ... ..	235	172	157	139	308	269	222	228	233	335	195
Non-Venereal ... ..	136	138	173	121	144	242	497	557	560	579	431
TOTAL ... ..	427	363	393	327	526	643	852	926	936	1148	786
Total Attendances ...	14326	12530	8019	6632	7562	11558	13170	11769	13204	13959	10952
Total number of per- sons in attendance at Centres ... ..	1431	1202	1149	900	1322	1659	2072	2115	2359	2524	1982



*Regulation 33B.*

*Contacts* notified to the Medical Officer of Health during the period 1st January, 1947, to 31st December, 1947 :—

	M.	F.
(1) (a) <i>Total</i> number of contacts in respect of whom Form 1 was received	—	3
(b) Number in (a) transferred from other areas ... ..	—	1
(2) Number of cases in (1) in which attempts were made during the current period outside the scope of the Regulation to persuade the contact to be examined before the latter had been named on a second Form 1 :—		
Contacts found ... ..	—	2
Contacts examined or already under treatment ... ..	—	2
(3) (a) Number of those in (1) in respect of whom two or more Forms 1 were received ... ..		Nil.
(b) Number included in 3 (a) in respect of whom the first Form 1 was previously reported under (1) ... ..		Nil.
(c) Number included in (3) (a) transferred from other areas ... ..		Nil.
(4) Number of those in (3) (a) who were :—		
(a) found ... ..		Nil.
(b) examined after persuasion or already under treatment ... ..		Nil.
(c) served with Form 2 ... ..		Nil.
(d) examined after service of Form 2. ... ..		Nil.
(e) Prosecuted for failure :—		
(i) to attend for, and submit to, medical examination... ..		Nil.
(ii) to submit to and continue treatment ... ..		Nil.
(f) transferred to other areas ... ..		Nil.

*Laboratory.*

The University of Birmingham have continued to carry out Public Health Laboratory work for the County. In addition some public health work has been carried out at the Central Pathological Laboratory.

The following is a summary of the work of the Central Pathological Laboratory in 1947 :—

<i>Hospitals and Bodies Served.</i>	<i>Ordinary Units.</i>	<i>E.M.S. Units.</i>	<i>Total Units.</i>
Alcester Emergency Hospital ... ..	12	—	12
Rugby Emergency Hospital ... ..	4173	—	4173
Nuneaton Emergency Hospital ... ..	11577	265	11842
Solihull Hospital ... ..	7668	663	8331
Stratford-on-Avon Emergency Hospital ... ..	3646	752	4398
Warwick Hospital ... ..	24416	1638	26054
Shipston-on-Stour P.A. Institution ... ..	21	—	21
Central Hospital ... ..	14811	—	14811
Memorial Sanatorium ... ..	207	—	207
Nuneaton General Hospital ... ..	7276	—	7276
Rugby St. Cross Hospital ... ..	340	—	340
Shipston-on-Stour, Ellen Badger Hospital ... ..	179	15	194
Warneford Hospital ... ..	17842	6	17848
Stratford-on-Avon General Hospital ... ..	1189	20	1209
Royal Midland Counties Home ... ..	79	—	79
Stratford-on-Avon Joint Isolation ... ..	6	—	6
Private Practitioners ... ..	3297	—	3297
Armed Forces ... ..	—	1199	1199
County Health Department ... ..	2852	177	3029
Knowle Hill School, Kenilworth ... ..	30	—	30
Coroners' Cases ... ..	5893	32	5925
	105,514	4,767	110,281

### County Ambulance Service.

At the commencement of the year a comprehensive report was prepared upon the ambulance service, setting out the existing provisions and suggestions for the future of the service.

An authorised establishment of both vehicles and personnel was adopted and authority was received for orders to be placed, to the value of £41,000 for new vehicles to replace those whose serviceable life had finished.

It was also decided that personnel should be provided with a uniform and by the end of the year an initial issue had been made to each driver/attendant.

The Council's proposals under Section 27 of the National Health Service Act, 1946 were based on the review of the service just mentioned and as from the "Appointed Day" the following will be the operational strength.

<i>Ambulances.</i>	<i>Sitting Case Cars.</i>	<i>Service Vans, etc.</i>	<i>Personnel.</i>
41	20	8	200

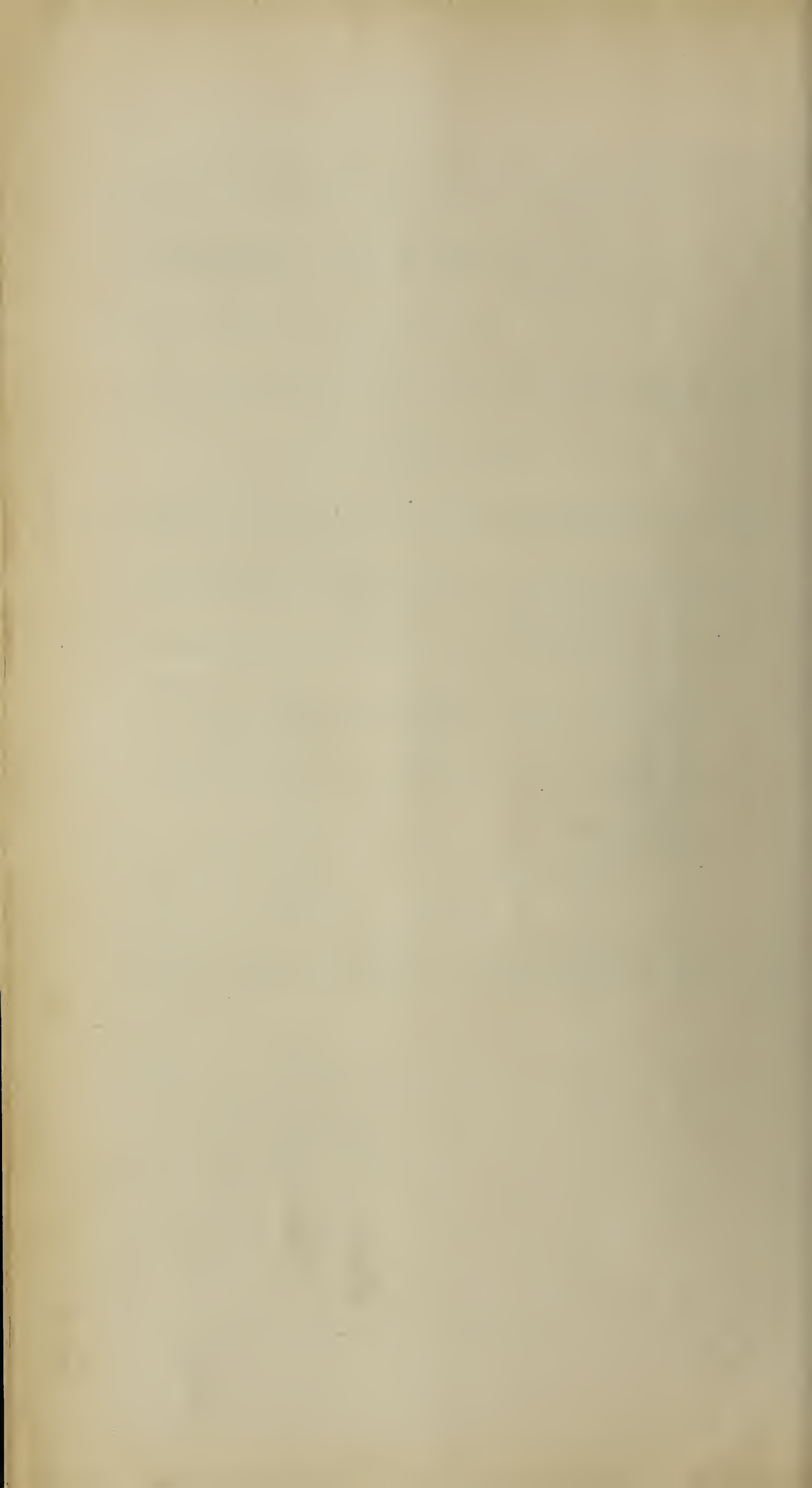
During the year 1947 a free service continued to be provided for journeys necessary within the County and to and from hospitals outside the County serving the needs of Warwickshire.

Seven main depots at Coleshill, Nuneaton, Rugby, Solihull, Stratford-on-Avon, Sutton Coldfield and Warwick provided a 24 hour service and three sub-depots at Atherstone, Bedworth and Two Gates operated a day-time service.

The vehicles travelled 462,354 miles during the course of the year and the following table gives the type of cases carried and the miles travelled :—

<i>Type of Case.</i>	<i>No. of Cases.</i>	<i>Miles.</i>
Illness ... ..	34,654	345,860
Maternity ... ..	2,264	33,474 $\frac{1}{4}$
Accident ... ..	1,829	15,642 $\frac{1}{2}$
Military ... ..	329	5,036
School Children ... ..	3,317	45,348 $\frac{1}{4}$
Nurseries ... ..	90	2,696
Pathological Laboratory ...	158	3,515
Deceased Persons ... ..	142	1,393
Service and Running Repairs	—	9,389
	<hr/> 42,783 <hr/>	<hr/> 462,354 <hr/>

Of the above mileage approximately 75% represents sitting case work transporting patients to and from the out-patients departments of hospitals for various kinds of specialised treatments.





ANALYSIS OF AMBULANCE AND SITTING CAR JOURNEYS.

	Atherstone.		Bedworth.		Coleshill.		Kenilworth.		Nuneaton.		Rugby.		Solihull.		Stratford-on-Avon.		Sutton Coldfield.		Warwick.		Wilnecote.		Total.	
	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.
ILLNESS.																								
Stretcher ...	451	5,705	171	1,507	483	7,665	81	1,114	1,917	18,807	1,498	12,049	1,398	16,151	464	10,714	884	8,954 $\frac{1}{2}$	1,487	17,852	174	3,614	9,008	104,132 $\frac{1}{2}$
Sitting ...	2,337	25,348	2,290	16,190	1,044	17,296	165	2,050	4,029	30,245	7,608	40,486	2,256	21,184	391	10,113	1,236	17,546 $\frac{1}{2}$	3,861	48,390	429	12,879	25,646	241,727 $\frac{1}{2}$
MATERNITY.																								
Stretcher ...	12	333	14	290	71	1,584	—	—	146	2,034	80	880	359	4,376	76	1,707	38	817	191	2,479	22	812	1,009	15,312
Sitting ...	30	1,082	26	491	95	1,505	4	56	138	1,269	198	2,718	98	1,316	465	5,872	67	1,127 $\frac{1}{4}$	111	1,860	23	866	1,255	18,162 $\frac{1}{4}$
Accident.																								
Stretcher ...	11	207	23	289	109	2,249	—	—	256	1,734	320	1,639	267	2,371	89	676	92	509	167	1,340	55	839	1,389	11,853
Sitting ...	27	237	27	352	38	732	1	14	97	666	99	425	99	800	1	2	24	232 $\frac{1}{2}$	13	59	14	270	440	3,789 $\frac{1}{2}$
Military.																								
Stretcher ...	2	24	3	42	—	—	—	—	10	398	1	3	—	—	6	247	—	—	42	1,470	1	9	65	2,193
Sitting ...	—	—	6	81	—	—	—	—	16	113	67	620	1	28	139	1,015	—	—	33	946	2	40	264	2,843
School Children.																								
Stretcher ...	16	402	7	123	19	326	—	—	88	1,318	30	352	20	231	3	65	13	152	9	196	7	156	212	3,321
Sitting ...	193	3,431	333	3,549	243	4,183	—	—	1,027	9,688	383	5,398	348	4,017	66	1,835	127	2,794 $\frac{1}{4}$	332	5,556	53	1,576	3,105	42,027 $\frac{1}{4}$
Nurseries.																								
Stretcher ...	—	—	—	—	—	—	—	—	—	—	—	—	1	39	—	—	—	—	—	—	—	—	1	39
Sitting ...	10	182	1	30	6	244	—	—	—	—	25	692	14	534	—	—	—	—	14	398	19	577	89	2,657
Path Lab.																								
Sitting Case Car	13	305	17	404	12	107	—	—	47	828	13	656	—	20	46	1,046	—	—	10	112	—	37	158	3,515
Service & Runn- ing Repair.																								
Ambulance ...	—	164	—	93	—	450	—	—	—	442	—	238	—	1,200	—	397	—	—	—	1,062	—	89	—	4,135
Sitting Case Car	—	945	—	308	—	471	—	—	—	529	—	359	—	682	—	339	—	65	—	1,275	—	281	—	5,254
Deceased Persons																								
Stretcher ...	3	41	1	13	5	85	—	—	11	96	1	11	37	358	10	150	29	160	44	476	1	3	142	1,393
TOTALS :																								
Stretcher ...	495	6,876	219	2,357	687	12,359	81	1,114	2,428	24,829	1,930	15,172	2,082	24,726	648	13,956	1,056	10,592 $\frac{1}{2}$	1,940	24,875	260	5,522	11,826	142,378 $\frac{1}{2}$
Sitting Cases	2,610	31,530	2,700	21,405	1,438	24,538	170	2,120	5,354	43,338	8,393	51,354	2,816	28,581	1,108	20,222	1,454	21,765 $\frac{1}{2}$	4,374	58,596	540	16,526	30,957	319,975 $\frac{1}{2}$
TOTAL : All Cases	3,105	38,406	2,919	23,762	2,125	36,897	251	3,234	7,782	68,167	10,323	66,526	4,898	53,307	1,756	34,178	2,510	32,358	6,314	83,471	800	22,048	42,783	462,354



*Institutional Provision for the Care of Mental Defectives.*

The certified mental defectives in the County on the 31st December, 1947, were :—

					Males.	Females.	Total.
1. In Institutions (excluding cases on licence)—							
Under 16 years	...	...	...	...	56	21	77
16 years and over	...	...	...	...	232	259	491
2. On licence from Institutions—							
Under 16 years	...	...	...	...	2	—	2
16 years and over	...	...	...	...	22	30	52
3. Under guardianship (including cases on licence)—							
Under 16 years	...	...	...	...	9	7	16
16 years and over	...	...	...	...	22	31	53
					343	348	691

In addition, 469 persons have been placed under supervision in their own homes, and 14 cases are still under investigation.

The accommodation provided at Weston Colony remains the same as in 1946 (213 beds), the number of patients at the end of the year 1947 being 205—(63 males and 142 females).

The Warwick Public Assistance Institution continued in use for mental defectives, and there were 21 female patients in the Institution on 31st December, 1947.

INSPECTION AND SUPERVISION OF FOOD.

*Milk (Special Designations) Regulations, 1936-1946.*

The following are particulars of licences granted and milk samples taken during the year :

*New Licences :*

To use the designation " Tuberculin Tested "	...	...	...	...	41
To use the designation " Accredited "	...	...	...	...	26
Of the " Tuberculin Tested " licences issued—upgradings from " Accredited " to " Tuberculin Tested " totalled	...	...	...	...	13
Licences in operation at the end of 1947 :—					
" Tuberculin Tested " in relation to production, bottling and sale by retail	...	...	...	...	11
" Tuberculin Tested " in relation to production	...	...	...	...	168
" Accredited " in relation to production, bottling and sale by retail	...	...	...	...	16
" Accredited " in relation to production	...	...	...	...	401

*Milk Samples :—*

Samples taken.				Satisfactory.	Unsatisfactory.
" Tuberculin Tested "	...	...	...	696	145
" Accredited "	...	...	...	1897	567
Advisory Samples	...	...	...	110	18
School Milks	...	...	...	22	2
				2,725	732

The percentage of all samples failing to comply with the prescribed tests was 26.49%. Comparative figures for previous years :—

1946	...	...	...	22.93%
1945	...	...	...	18.21%
1944	...	...	...	23.12%
1943	...	...	...	23.04%
1942	...	...	...	27.52%



During the year the following action was taken with regard to unsatisfactory production :—

Producers formally warned	...	10
Licences suspended	... ..	4
Licences revoked	... ..	20

Many producers responded to advice and informal warnings given as a result of samples proving unsatisfactory to test.

*Tuberculous Milk.*

*Food and Drugs Act, 1938.*

The campaign against tubercle-infected milk has continued and during 1947, 33 samples were submitted for biological examination.

In addition, 33 cases of tuberculous milk were received from various sources, and were referred to the Divisional Veterinary Officer of the Ministry of Agriculture and Fisheries, with the following results :—

Herds under observation at end of 1946	...	...	...	...	6
Infected herds during 1947	...	...	...	...	33
					—
					39
Herds subsequently reported free from tubercle infection during					
1947	...	...	...	...	36
					—
Herds still under observation at the end of 1947	...	...	...		3
					—
Cows found tuberculous and slaughtered under Tuberculosis Order					22
					—

(Note : This figure of cows slaughtered refers to cases found by milk sampling only, and does not include any dealt with by the Veterinary Inspector on routine and other inspections).

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